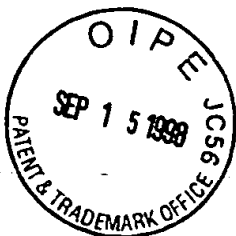
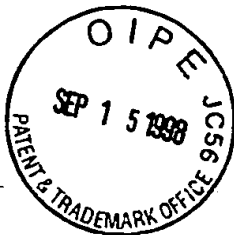
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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 021653.0138		SERIAL NO. 09/083,198							
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<i>m</i>	A		Fuji, et al., "Novel Diterpenoids From Taxus Chinensis," <i>Journal of Natural Products</i> , Vol. 56, No. 9, pp. 1520-1531 (September 1993).										
	B		Guerite-Voegelein, et al., "Taxol and Derivatives: A Biogenetic Hypothesis," <i>Journal of Natural Products</i> , Vol. 50, No. 1, pp. 9-18 (January-February 1987).										
	C		Gundlach, et al., "Jasmonic Acid is a Signal Transducer in Elicitor-Induced Plant Cell Cultures," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89, pp. 2389-2393 (March 1992).										
	D		Mueller, et al., "Signaling in the Elicitation Process is Mediated through the Octadecanoid Pathway Leading to Jasmonic Acid," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, pp. 7490-7494 (August 1993).										
	E		Reid, "The Role of Ethylene", in Davies, ed., <i>Plant Hormones and Their Role in Plant Growth and Development</i> , Martinus Nijhoff Publishers, pp. 260-271.										
	F		Rokem, et al., "Secondary Metabolites From Plant Cell Suspension Cultures: Methods for Yield Improvement," <i>Advances in Biotechnological Processes</i> , Vol. 4, pages 241-274 (1985).										
<input checked="" type="checkbox"/>	G		Rao, "Taxol and Related Taxanes. I Taxanes of Taxus brevifolia Bark," <i>Pharmaceutical Research</i> , Vol. 10, No. 4, pp. 521-524 (1993).										
EXAMINER <i>Jane Mann</i>					DATE CONSIDERED <i>9/3/99</i>								
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<i>m</i>	O		Crueger, et al., "Growth Kinetics of Microorganisms." In <i>Biotechnology: A Textbook of Industrial Microbiology</i> , 2nd ed., T. Brock, ed. Sunderland, MA: Sinauer Associates, pp. 67-68, (1990).									
EXAMINER				DATE CONSIDERED								
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	E	WO		1	8	5	1	2	12/12/91	WIPO				

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m	A	Anderson, "Jasmonic Acid-Dependent Increases in the Level of Specific Polypeptides in Soybean Suspension Cultures and Seedlings." In <i>Plant Growth Regulation</i> 7(4). Springer-Verlag New York, pp. 203-212 (1988).
m	B	Christen, et al., "Cell Culture as a Means to Produce Taxol" (Abstract), <i>Proceedings of the American Association for Cancer Research</i> 30, pp. 566 (March 1989).
	C	

EXAMINER <i>June Mares</i>	DATE CONSIDERED <i>9/3/99</i>
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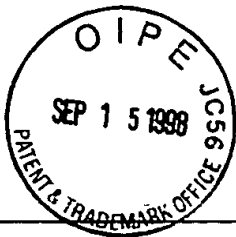
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m	D	Constabel, "Cell Culture in Phytochemistry." In <i>Cell Culture and Somatic Genetics of Plants</i> , Vol. 4, Constabel et al. (eds.). Academic Press, New York, pp. 3-13 (1987).												
	E	Davies (ed.), Table of Contents of <i>Plant Hormones: Physiology, Biochemistry and Molecular Biology</i> , 2nd ed., Kluwer Academic Publishers, pp. V-VII (1995).												
	F	DiCosmo, "Eliciting Secondary Metabolism in Plant Cell Cultures," <i>Trends in Biotechnology</i> . 3, pp. 318-322 (1985).												
	G	Farmer, et al., "Octadecanoid Precursors of Jasmonic Acid Activate the Synthesis of Wound-Inducible Proteinase Inhibitors," <i>The Plant Cell</i> 4, pp. 129-134 (1992).												
j	H	Farmer, et al., "Interplant Communication: Airborne Methyl Jasmonate Induces Synthesis of Proteinase Inhibitors in Plant Leaves," <i>Proc. Natl. Acad. Sci. USA</i> 87, pp. 7713-7716 (1990).												
EXAMINER . <i>Gene Marx</i>										DATE CONSIDERED <i>9/3/99</i>				
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	I		Farmer, et al., "Regulation of Expression of Proteinase Inhibitor Genes by Methyl Jasmonate and Jasmonic Acid," <i>Plant Physiol.</i> 98, pp. 995-1002 (1992).							
	J		Franceschi, et al., "Induction of Soybean Vegetative Storage Proteins and Anthocyanins by Low-Level Atmospheric Methyl Jasmonate." In <i>Proc. Natl. Acad. Sci. USA</i> 88, pp. 6745-6749, (1991).							
	K		George, "Plant Growth Regulators," In <i>Plant Propagation by Tissue Culture, Part 1</i> , 2nd ed. Exegetics Limited, pp. 420-425, 479 (1993).							
	L		George, "Problems in Initiating and Maintaining Cultures," In <i>Plant Propagation by Tissue Culture, Part 2</i> , 2nd ed.. Exegetics Limited, pp. 639-651 (1993/1996).							
	M		Godfrey et al., "Phospholipid and Arachidonic Acid Metabolism in Zymosan-Stimulated Human Monocytes: Modulation by cAMP," <i>Journal of Cellular Physiology</i> 131, pp. 384-392 (1987).							
	N		Guern, et al., "The Compartmentation of Secondary Metabolites in Plant Cell Cultures." In <i>Cell Culture and Somatic Genetics of Plants</i> , Vol. 4, Constabel, et al. (eds.). Academic Press, New York, pp. 43-76 (1987).							
EXAMINER		Gene Mann			DATE CONSIDERED 9/3/99					
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	F		Hamberg, et al., "Oxylipin Pathway to Jasmonates: Biochemistry and Biological Significance," <i>Biochimica et Biophysica Acta</i> 1165, pp. 1-18 (1992).							
	G		Jia, et al., "Taxanes from <i>Taxus chinensis</i> I," <i>Chinese Science Bulletin</i> 36, pp. 1174-1177 (1991).							
	H		Jia, et al., "Taxanes from <i>Taxus chinensis</i> III," <i>Chinese Science Bulletin</i> 36, pp. 1967-1969 (1991).							
	I		Koda, "The Role of Jasmonic Acid and Related Compounds in the Regulation of Plant Development," <i>International Review of Cytology</i> 135, pp. 155-199 (1992).							
	J		Leroyer, et al., "Chemiluminescence and Oxygen Radical Generation by Walker Carcinosarcoma Cells following Chemotactic Stimulation," <i>Cancer Research</i> 47, pp. 4771-4775 (1987).							
	K		McKeon, et al., "Biosynthesis and Metabolism of Ethylene," In <i>Plant Hormones: Physiology, Biochemistry and Molecular Biology</i> , 2nd ed., Davies (ed.). Kluwer Academic Publishers, pp. 118-139 (1995).							
	F		Meyer, et al., "Occurrence of the Plant Growth Regulator Jasmonic Acid in Plants," <i>Journal of Plant Growth Regulation</i> 3, pp. 1-8 (1984).							
	G		Mirjalili, et al., "Methyl Jasmonate Induced Production of Taxol in Suspension Cultures of <i>Taxus cuspidata</i> : Ethylene Interaction and Induction Models," <i>Biotechnology Progress</i> 12(1), pp. 110-118 (1996).							
EXAMINER		Gene Mark			DATE CONSIDERED 9/13/99					
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	H		Morandi, "Effect of Xenobiotics on Endomycorrhizal Infection and Isoflavonoid Accumulation in Soybean Roots," <i>Plant Physiol. Biochem.</i> 27(5), pp. 697-701 (1989).								
	I		Omata et al., "Volatile Components of Ginger Flowers Hedychium-Coronarium Koenig," <i>Flavour and Fragrance J.</i> 6(3), pp. 217-220 (1991).								
	J		Parthier, "Jasmonates: Hormonal Regulators or Stress Factors in Leaf Senescence?," <i>J. of Plant Growth Regulation</i> 9, pp. 57-63 (1990).								
	K		Parthier, "Jasmonates, New Regulators of Plant Growth and Development: Many Facts and Few Hypotheses on their Actions," <i>Bot. Acta</i> 104, pp. 446-454 (1991).								
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	F		Ravnikar, et al., "Stimulatory Effects of Jasmonic Acid on Potato Stem Node and Protoplast Culture," <i>J. Plant Growth Regulation</i> 11, pp. 29-33 (1992).							
	G		Sakuta, et al., "Cell Growth and Accumulation of Secondary Metabolites." In <i>Cell Culture and Somatic Genetics of Plants</i> , Vol. 4, Constabel, et al. (eds.). Academic Press, New York, pp. 97-114 (1987).							
	H		Sembdner, et al., "The Biochemistry and the Physiological and Molecular Actions of Jasmonates," <i>Annu. Rev. Plant Physiol. Plant Mol. Biol.</i> 44, pp. 569-89 (1993).							
	I		Seto, et al., "Structure-Activity Relationships of (±)-Cucurbitic Acid Analogs on the Root Growth of Rice Seedlings and Height of Young Corn Plants," <i>J. Pesticide Sci.</i> 17, pp. 61-67 (1992).							
	J		Staswick, "Jasmonates, Salicylic acid and Brassinolides" and "Jasmonate Activity in Plants." In <i>Plant Hormones: Physiology, Biochemistry and Molecular Biology</i> , 2nd ed., Davies (ed.). Kluwer Academic Publishers, pp. 179-187 (1995).							
	K		Threlfall, et al., "The use of biotic and abiotic elicitors to induce the formation of secondary plant products in cell suspension cultures of solanaceous plants," <i>Biochemical Society Transactions</i> 16, pp. 71-75 (1988).							
EXAMINER <i>Gene Marx</i>				DATE CONSIDERED <i>9/3/99</i>						
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	F		Vick, et al., "Oxidative Systems for Modification of Fatty Acids: The Lipoxygenase Pathway." In <i>The Biochemistry of Plants</i> , Vol. 9, Stumpf, et al. (eds.). Academic press, New York, pp. 53-89 (1987).							
	H		Walker-Simmons, et al., "Proteinase Inhibitor I Accumulation in Tomato Suspension Cultures," <i>Plant Physiol.</i> 80, pp. 68-71 (1986).							
	I		Wang, et al., "Enhanced Production of Taxol in Suspension Cultures of <i>Taxus chinensis</i> by Controlling Inoculum Size," <i>Biotechnology Letters</i> 19(4), pp. 353-355 (1997).							
	J		Wink, "Physiology of the Accumulation of Secondary Metabolites with Special Reference to Alkaloids." In <i>Cell Culture and Somatic Genetics of Plants</i> , Vol. 4, Constabel, et al. (eds.). Academic Press, New York, pp. 17-42 (1987).							
	K		Xu, et al., "Determination of taxol in the extract of <i>Taxus chinensis</i> by reversed phase HPLC," <i>Chemical Abstracts</i> 112(1), Abstr. 3779c (January 1, 1990).							
	L		Xu, et al., "Determination of taxol in <i>Taxus chinensis</i> by HPLC method," <i>Chemical Abstracts</i> 116(13), Abstr. 124148n (March 30, 1992).							
	F		Xu, et al., "Plant Defense Genes are Synergistically Induced by Ethylene and Methyl Jasmonate," <i>The Plant Cell</i> 6, pp. 1077-1085 (1994).							
	G		Yamane, et al., "Syntheses of Jasmonic Acid Related Compounds and Their Structure-Activity Relationships on the Growth of Rice Seedlings," <i>Agric. Biol. Chem.</i> 44(12), pp. 2857-2864 (1980).							
	H		Yukimune, et al., "Methyl Jasmonate-Induced Overproduction of Paclitaxel and Baccatin III in <i>Taxus</i> Cell Suspension Cultures," <i>Nature Biotechnology</i> 14(9), pp. 1129-1132 (1996).							
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m	A		Asada, et al., "Stimulation of Ajmalicine Production and Excretion from <i>Catharanthus roseus</i> : Effects of adsorption in situ, Elicitors, and Alginate Immobilization," <i>Appl. Microbiol. Biotechnol.</i> 30, pp. 475-382 (1989).						
	B		Beaumont, et al., "Effects of Immobilizing Agents and Procedures on Viability of Cultured Celery (<i>Apium graveolens</i>) Cells," <i>Biotechnol. Lett.</i> 9, pp. 377-382 (1987).						
	C		Berlin, et al., "Formation of Mono-and Diterpenoids by Cultured Cells of <i>Thuja Occidentalis</i> ," <i>Phytochemistry</i> 27, pp. 127-132 (1988).						
	D		Bornman, "Possibilities and Constraints in the Regeneration of Trees from Cotyledonary Needles of <i>Picea abies</i> in vitro," <i>Physiol. Plant.</i> 57, pp. 5-16 (1983).						
	E		Darvill, et al., "Phytoalexins and their Elicitors-A Defense Against Microbial Infection in Plants," <i>Ann. Rev. Plant Physiol.</i> 35, pp. 243-275 (1984).						
	F		Delfel, et al., "Antumor Alkaloids in Callus Cultures of <i>Cephalotaxus harringtonia</i> ," <i>Phytochemistry</i> 16, pp. 1595-1598 (1977).						
✓	G		Ebel, "Induction of Phytoalexin Synthesis in Plants Following Microbial Infection or Treatment with Elicitors," <i>Bioregulators: Chemistry and Uses</i> . American Chemical Society, pp. 257-271 (1984).						
EXAMINER <i>Gene Man</i>				DATE CONSIDERED <i>9/3/99</i>					
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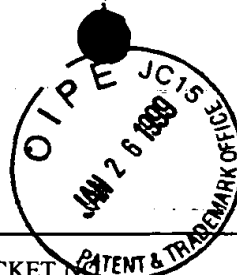
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m	H	Eilert, "Elicitation: Methodology and Aspects of Application." In <i>Cell Culture and Somatic Genetics of Plants</i> , Vol. 4, Constabel, et al. (eds.). Academic Press, New York, pp. 153-196 (1987).					
	I	Heinstein, "Future Approaches to the Formation of Secondary Natural Products in Plant Cell Suspension Cultures," <i>Journal of Natural Products</i> 48, pp. 1-9 (1985).					
	J	Jaziri, et al., "Enzyme-linked Immunosorbent Assay for the Detection and the Semi-Quantitative Determination of Taxane Diterpenoids Related to Taxol in Taxus sp. and Tissue Cultures," <i>J Pharm. Belg.</i> 46, pp. 93-99 (1991).					
	K	Miyasaka, et al., "Regulation of Ferruginol and Cryptotanshinone Biosynthesis in Cell Suspension Cultures of <i>Salvia Miltiorrhiza</i> ," <i>Phytochemistry</i> 25, pp. 637-640 (1986).					
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EXAMINER <i>Gene Marx</i>					DATE CONSIDERED <i>9/3/99</i>		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 21653-0118		SERIAL NO. 08/653,036	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT BRINGI et al.		EXAMINER: Unknown	
				FILING DATE May 24, 1996		GROUP 1201	
U.S. PATENT DOCUMENTS							
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	A						
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FOREIGN PATENT DOCUMENT							
		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB CLASS
	D						
	E						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	N	Westgate, et al., "Growth of <i>Cephalotaxus harringtonia</i> Plant Cell-Cultures," <i>Appl. Microbial Biotechnol.</i> 34, 798-803 (1991).					
	O	Wickeramesinhe, et al., "Habituated Callus Cultures of <i>Taxus media</i> cultivar Hicksii as a Source for Taxol" (Abstract), <i>Plant Physiol.</i> 96 (Suppl.), p. 97 (1991).					
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EXAMINER				DATE CONSIDERED 9/3/99			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Sheet 1 of 1

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 021653.0138		SERIAL NO. 09/083,198						
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT BRINGI et al.		EXAMINER: Unknown						
				FILING DATE May 22, 1998		GROUP 1632						
U.S. PATENT DOCUMENTS												
*EXAMINER INITIAL	NO.	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
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		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
m	A	EP	3	7	8	9	2	1	12/19/89	EUROPE		
	B											
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)												
m	A		Shetty, K. et al., "Growth Kinetics and Phenolics Production in Glycine Max Cell Suspension Cultures", <i>Applied Biochemistry and Biotechnology</i> , Vol. 20/21 (1989), pp. 825-843.									
	B											
	C											
	D											
	E											
	F											
	G											
EXAMINER <i>Gene Marx</i>								DATE CONSIDERED <i>9/3/99</i>				
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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 021653.0138	SERIAL NO. 09/083,198
		APPLICANT BRINGI et al.	EXAMINER: Unknown
		FILING DATE May 22, 1998	GROUP 1632

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS													
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FOREIGN PATENT DOCUMENT														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
													YES	NO
	AD													
	B													

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	A	Reid MS, "The Functioning of Hormones in Plant Growth and Development: Ethylene in Plant Growth, Development, and Senescence," in Davies, ed., <i>Plant Hormones and their Role in Plant Growth and Development</i> , Martinus Nijhoff Publishers (1987), pp. 257-279.
	B	Doares SH, et al., "Oligogalacturonides and chitosan activate plant defensive genes through the octadecanoid pathway," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 92, pp. 4095-4098, (1995).
	C	Veen H., "Silver Thiosulphate: An Experimental Tool in Plant Science," <i>Scientia Horticulturae</i> , 20, pp. 211-224 (1983).
	D	Yoshikawa M, "Diverse modes of action of biotic and abiotic phytoalexin elicitors", <i>Nature</i> 275, pp. 546-547 (1978).
	E	Dahiya JS, et al., "Phytoalexin accumulation in plant tissues of <i>Brassica</i> spp. in response to abiotic elicitors and infection with <i>Leptosphaeria maculans</i> ," <i>Bott. Bull. Academia Sinica</i> 30: 107-115 (1989).
	F	Galston, A.W. et al., "Polyamines as Endogenous Growth Regulators," in Davies, ed., <i>Plant Hormones: Physiology, Biochemistry and Molecular Biology</i> , Kluwer Academic Publishers (1995), p. 171.
	G	Baker JE, "Preservation of Cut Flowers," in Nickell, ed., <i>Plant Growth Regulating Chemicals, Volume II</i> , CRC Press (1983) pp. 178-191.

EXAMINER	DATE CONSIDERED 9/3/99
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LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT BRINGI et al.		EXAMINER: Unknown							
				FILING DATE May 22, 1998		GROUP 1632							
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*EXAM											FILING		
<i>m</i>	A	5	2	7	9	9	5	3	1/1994	STAHLHUT	---		
<i>m</i>	B	5	3	1	0	6	7	2	5/1994	WANN et al.	---		
<i>m</i>	C	5	3	4	4	7	7	5	9/1994	SMITH	---		
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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
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EXAMINER		<i>Lene Marx</i>							DATE CONSIDERED <i>9/7/99</i>				
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